

**CITY OF
LADUE**

Public Works

To: Honorable Mayor Nancy Spewak
Members of City Council

From: Anne Lamitola, PE *Anne C. Lamitola*
Director of Public Works & Building

Date: November 9, 2021

Subject: Department of Public Works & Building, Monthly Report for November 15, 2021 Meeting

UPDATE OF PUBLIC WORKS & BUILDING DEPARTMENT

Included in the packet are:

- Public Works Project Updates
- Building permit summary report
- Zoning & Planning Commission agenda items
- Monthly Yard waste collection report

Committee meeting highlights for Department of Public Works:

- The Public Works Committee meets next on 12/1/21.
- Zoning & Planning Commission meets next on 11/17/21 and the agenda is attached to this report
 - Z&P will hold a Special Hearing for the Comprehensive Plan at 3 pm in advance of their regular 4 pm meeting
- ZBA meets next on 12/7/21 and will hear five cases
- BOSTA meets next on 12/3/21 at 7:30 am
- The Honeysuckle Hack will be held on 11/13/21 from 8 – 10 am at the Deer Creek Preserve
- The Stormwater Advisory Committee (SWAC) will meet next on 11/11/21 at 8:00 am

STORMWATER PROJECT BUDGET UPDATE FOR ROBIN HILL-MCKNIGHT LANE BANK STABILIZATION PROJECT

The Robin Hill – McKnight Lane Bank Stabilization project has been waiting on Spire to relocate their gas main which is in conflict with the culvert replacement. In lieu of obtaining a new easement via Robin Hill, Spire will utilize an existing easement from Ladue Forest. The estimated total relocation cost is \$51,111 and the City has already paid \$30,991 which was based on the original alignment. Spire will send the City an invoice with the final relocation cost after completion. At that time, City Council approval of the expenditure will be requested. No action by City Council is needed today.

If you would like to discuss any Public Works or Building Department items on the City Council agenda, please contact me at (314) 993-5665 or by e-mail at alamitola@cityofladue-mo.gov

Warson/Conway Intersection Timeline

10-2015	Police department collected volume data for EB & WB Conway & NB & SB Warson in response to congestion complaints
10-20-15	Request for signalization of intersection from a resident
5-2016	Inquiry regarding congestion and request for signal from a resident
11-2016	Request for signalized intersection from a resident
May-2018	Ladue Schools informed neighbors of the purchase of 1039 Warson Road (one property north of existing North parking lot at Ladue High School) to expand parking capacity causing concerns about additional access point to Warson Road in congested area.
Nov-2018	Picardy Request for Gate presented to Zoning & Planning Commission with the purpose of deter the Warson Road cut-through traffic that was occurring due to long queues on Southbound Warson Road.
12-5-2018	Public Works Committee meeting; reviewed CBB scope for Warson Corridor Study to include Conway/Warson and south to Ladue High School and recommended approval to City Council for study
12-17-2018	City Council Resolution 2018-34 Authorizing CBB to Study Warson Road at Conway Road & Ladue High School
1-2019	Picardy Subdivision gate contact person communicated to City about the potential signal at Warson/Conway and considered delaying gate if signal was to be installed
3-12-2019	First Public Meeting for Study (430 invitations sent via mail, notices email blasted)
3-27-2019	Bicyclist versus vehicle accident at Conway/Warson at High School Dismissal
7-18-2019	Second Public Meeting for Study (mailers, email blast)
10-2-2019	Public Works Committee meeting; reviewed final report <ul style="list-style-type: none">• Intersection Operating at a Level of Service F during AM Peak Hour, School Dismissal Hour, and PM Peak Hour• Identified four options: Modern Roundabout, Mini Roundabout, Signal without Widening, Signal with left-turn lanes on one or more approaches• CBB's first recommendation was for signalization with separate left-turn lanes, ADA compliant crosswalks and ramps. Improves Level of Service to B
12-19-2019	City Council Resolution 2019-39 Authorizing CBB to Complete a Federal Funding Application
2-2020	Funding Application Submitted to East-West Gateway Council of Governments to pursue signalization with left-turn lanes added for Warson Road <ul style="list-style-type: none">• Six Letters of support from Ladue School Superintendent, Police Chief, Two Public Works Committee members, Two Council Members

3-2020	COVID begins to impact vehicular patterns
2020/2021	Discussions & Meetings with various impacted property owners
1-25-2021	Program Agreement Executed with Missouri Highway & Transportation Commission
4-16-21	Design Kick-off with EFK Moen after following QBS consultant selection process with selection committee
9-22-21	Preliminary Plans approved, and Public Meeting permitted to be scheduled
11-18-21	Design Public Hearing, 4 – 7 pm (~500 notices mailed, City email blast of meeting invitation, meeting notice on website)

PUBLIC WORKS PROJECT UPDATES – 11/9/2021

Stormwater Management Program (SWMP) – Implementation Plan Project Updates For more information, visit the Public Works page: <https://www.cityofladue-mo.gov/departments/public-works-department-214>

Willow Hill – Reroute Along Road (infrastructure), HR Green – Construction phase: 6/1/2021 – 6/1/2022

Scope of work: 3039 linear feet of pipe sewers, including a portion of pipe-in-tunnel, and roadway and landscape restoration to be constructed in the Willow Hill, Lorenzo Lane, and Loren Wood subdivisions. The design phase began in Summer 2018. The design phase was completed in Spring 2021 and bids were opened on May 6, 2021. The City Council awarded the construction contract to Bi-State Utilities at their May 17, 2021 meeting. The preconstruction meeting was held on 5/19/21. Utility relocation work is ongoing. The contractor is in the process of installing pipe in the Willow Hill subdivision, making their way north to where pipe will be tunneled to the west. The contract allows for 365 days for the construction phase which is scheduled for June 1, 2021 – June 1, 2022. HR Green will serve as the City's construction administrator for the project. The City's project manager is Amanda Griffin; agriffin@cityofladue-mo.gov

Robin Hill Lane/McKnight Lane Bank Stabilization, Intuition & Logic –Construction phase: Summer 2021 – Summer 2022

Scope of work: 840 lineal feet of storm channel renovation that includes bank stabilization, a triple box culvert, retaining walls, storm sewer adjustments, replacement of approximately 107 lineal feet of 18-inch diameter sanitary sewer to be installed in a casing, a prefabricated pedestrian bridge, landscape restoration, and appurtenances to be constructed in the Brookside, McKnight Lane, and Robin Hill Subdivisions

The design phase began in Summer 2018. The preliminary plans were approved, then the required easements. Final design has been completed and the Bid Package was issued on March 1, 2021 with bids due on 4/15/21. The contract was awarded to low bidder Gershenson Construction. The contractor has set the pedestrian bridge, and has been performing channel grading. Box culvert work will take place after the Spire gas main relocation. The Scheduled completion date is Summer 2022. The City's project manager is Mark Koester; mkoester@cityofladue-mo.gov

Deerfield/Wakefield storm sewer improvements, HR Green – Preliminary Design for Phase I is nearing Completion with Easement Acquisition to start Summer 2021

The design phase began on 7/23/18. Preliminary design and evaluation of various design alternatives have been taking place. This project will be constructed in two phases over the next ten years and the City has selected a preferred design alternative. The preliminary plans were submitted to MSD who have provided comments back to the City's consultant, HR Green. The consultant has resubmitted the plans in late May 2021 to MSD. Additionally, easement documents have been prepared and easement acquisition will begin soon. The City plans to begin to acquire the necessary easements for Phase I in December 2021, although MSD reviews have been ongoing due to complications with the easement types. The City's project manager is Amanda Griffin; agriffin@cityofladue-mo.gov

Intersection Improvements at Warson Road and Conway Road (80% Federally Funded)

Based on the 2019 traffic study that the City completed for the Warson corridor at Conway Road, Federal Funds were applied for in February 2020 for the project design, ROW, and construction and that funding application is in the process of being prepared. The City learned that the funding

application was successful and will be recommended to the Board of EWGCC in Summer 2020. The City executed the program agreement with Missouri Highways Commission at their December 21, 2020 City Council meeting. The City issued a Request for Qualifications for the engineering phase, reviewed the seven Statements of Qualifications that were submitted, interviewed the three most qualified firms in February 2021, negotiated a contract with EFK Moen who was the selected firm. MoDOT and FHWA approved the engineering contract, and the design phase has begun. Coordination with Ameren is underway who will be replacing power poles in this corridor in Fall 2021. The preliminary plans were submitted to MoDOT on July 6, 2021 and were approved in late September 2021. A public meeting is scheduled for 11/18/21. Right-of-way is scheduled to be obtained in 2022, and the project construction planned for Calendar Year 2023. The City's Project Manager is Anne Lamitola, alamitola@cityofladue-mo.gov

ADA Sidewalk Improvements – Clayton Road

The City continues with the implementation phase of the ADA transition plan which identified both sidewalk and facility improvements that need modification to work toward ADA compliance. Clayton Road sidewalk improvements have been the highest priority for the City and the following provides a summary

- Phase I: Business District between I-64 and Conway Road; construction completed Summer 2019 by Spencer Contracting
- Phase II: Warson to Eversdale; construction completed Spring 2020 by SBC Construction
- Phase III: Eversdale to Lindbergh; construction completed Spring 2021 by SBC Construction
- Phases IV; Louwen to McKnight, design in 2021, construction 2022
- Phases V – VI; McKnight to Price Road; construction in 2023 – 2024

The City's Project Manager is Anne Lamitola, alamitola@cityofladue-mo.gov

Dielman Road Improvements (80% Federally Funded for ROW & Construction)

The City applied for Federal Funds for Dielman Road Improvements in February 2019 and learned that the application was successful. The City executed a program agreement with MoDOT, then hired CMT to perform the engineering for the project after following a Qualifications Based Selection process. City Council approved the engineering contract with CMT at their April 27, 2020 meeting and design has been underway since that time. Dielman Road is one of two remaining roads identified for sidewalks in the 2012 Sidewalk Implementation Plan. Six-foot-wide sidewalks will be installed on the west side of Dielman between Ladue Road and the northern municipal boundary near Tamarack. Improvements to the pavement will also be part of the project. The sidewalk will connect to sidewalks that have been installed in Olivette on Dielman Road. Federal Funding will pay for 80% of the right-of-way and construction costs. The design phase began with survey in Summer 2020, environmental clearances were obtained in March 2021, and preliminary plans have been prepared and were submitted to MoDOT on March 31, 2021. The well attended public meeting was held on July 13, 2021 at 4:00 pm. The right-of-way plans were submitted in September 2021 to MoDOT for approval and have been approved. Easement acquisition will begin after MoDOT authorization, following review of proposals submitted in response to a RFP. The City's Project Manager is Anne Lamitola, alamitola@cityofladue-mo.gov

Deer Creek Preserve, formerly Edie's Mulch Site

The City applied for and obtained a Municipal Park Planning Grant to develop a master plan for the 12.5-acre site which is currently being utilized as a transfer station for the City's leaf and mulch program on approximately 3 acres of the site. Public meetings were held in 2019 along with a community input survey and a Master plan was adopted by City Council in September 2019. The master plan for the property includes a trail and a small parking area as priority amenities. The property is located off S. 40 Drive and is along the Deer Creek corridor. The property is currently

being impacted by MSD's Deer Creek Sanitary relief sewer project which will be under construction through Calendar Year 2021.

The City has applied for funding through the Municipal League to begin development of the park and continues to coordinate with MSD's Deer Creek Sanitary Sewer replacement project that traverses the property. The City learned that the grant application was successful, and the next step will be to enter into an agreement with the Grant Commission. Implementation will take place in Calendar Years 2022-2023.

Rodes Park – Master Plan

The City obtained a Municipal Park Planning Grant to develop a master plan for the park located at the corner of Ladue and Warson Road. The grant was sought after recommendation from the City's Beautification Open Space and Tree Advisory Committee to City Council who approved the application. The Master Plan will make recommendations for plantings, access & parking, and potentially a perimeter walk path. Two public meetings to obtain feedback about the park were held on January 28th and February 25th virtually, and a survey was issued that over 300 people submitted. The Master Plan was presented to City Council at the April 26, 2021 meeting and was adopted by Resolution. The City will begin design in 2022 of the streambank stabilization and bridge installation.

Public Works In-house Maintenance Programs

- Brush Collection (monthly: March – October plus Christmas tree pick-up in January)
- Leaf Collection (Fall Collection: late October through early January & Spring Collection: April)
- Parks & Grounds (Rodes Park, planters, municipal campus, Beautify Ladue landscape maintenance, Edie's Mulch Site, Centennial Trail)
- Pavement and Sidewalk Maintenance (crack sealing, pothole patching, larger pavement patching, sidewalk removal & replacement, snow, and ice removal)
- Bridge & Culvert Maintenance
- Vegetation Management on City Right-of-Way (mowing, trimming, honeysuckle management, tree trimming and removal)
- Vegetation Management on State Right-of-Way (City contracts with Munie for mowing of numerous locations on State ROW)
- Fleet & Building Maintenance

The City's primary contact for in-house maintenance is Scot Bollinger, sbollinger@cityofladue-mo.gov

Major MSD Projects in Ladue, October 2021

MSD Project Name	Project Limits	Construction Start Date	Construction Duration	Comments
Black Creek - Haddington Court Relief Sewers (11847)	From Ladue border between Louwen Drive and Wenneker Drive to The Gatesworth	Fall 2022	2 years	In easement acquisition phase
Daniel Road Storm Sewer Relief (12703)	Litzsinger Road to Oak Bend Court	2023	1 year	In design phase
DC-02 & DC-03 Sanitary Relief Phase III & IV (12472)	1300' Downstream of Litzsinger Road to 1800' West of Warson Road	2019	4 years	Main trunk sewer completed to North side of I-64
TM-01 Two Mile Creek Outfall Sanitary Relief (12231)	300' Upstream of Overbrook Drive to Lindbergh Boulevard in Huntleigh	Fall 2023	2 years	In design phase. Runs thru OWCC.
WW-2 & WW-3 Warson Woods Sanitary Relief (12302)	Old Warson Road to Brownell Avenue in Kirkwood	Fall 2022	2 years	In easement acquisition phase

YARD WASTE REPORT: CITY OF LADUE DEPARTMENT OF PUBLIC WORKS - JANUARY-DECEMBER 2018-2021

INCOMING													OUTGOING							
MONTH	XMAS TREES 2018	XMAS TREES 2019	XMAS TREES 2020	XMAS TREES 2021	BRUSH 2018	BRUSH 2019	BRUSH 2020	BRUSH 2021	LEAVES 2018	LEAVES 2019	LEAVES 2020	LEAVES 2021	GROUND BRUSH HAULED OFF 2018	GROUND BRUSH HAULED OFF 2019	GROUND BRUSH HAULED OFF 2020	GROUND BRUSH HAULED OFF 2021	LEAF MATERIAL HAULED OFF 2018	LEAF MATERIAL HAULED OFF 2019	LEAF MATERIAL HAULED OFF 2020	LEAF MATERIAL HAULED OFF 2021
JANUARY	819	648	764	544	0	0	0	0	528	3408	4160	880	0	0	0	0	0	0	0	1170
FEBRUARY	0	0	0	7	0	0	0	0	0	376	0	0	0	0	0	0	6855	4150	0	0
MARCH	0	0	0	0	1400	1720	2310	1940	0	0	0	0	0	0	0	0	0	0	4440	0
APRIL	0	0	0	0	1320	1790	2680	1780	336	528	208	160	0	0	0	0	0	0	0	0
MAY	0	0	0	0	1710	1650	3140	1170	0	0	0	0	0	0	0	0	0	0	0	0
JUNE	0	0	0	0	1720	1800	1900	1820	0	0	0	0	0	0	0	0	0	0	0	0
JULY	0	0	0	0	1680	1460	1930	7910	0	0	0	0	0	0	0	0	0	0	0	0
AUGUST	0	0	0	0	1790	1760	2130	1540	0	0	0	0	0	0	0	0	0	0	0	0
SEPTEMBER	0	0	0	0	1550	1790	2650	4410	0	0	0	0	0	0	0	0	0	0	0	0
OCTOBER	0	0	0	0	600	70	1350	1370	160	368	1840	80	0	0	0	0	0	0	0	0
NOVEMBER	0	0	0	0	0	0	0		5872	5032	6672		4295	5430	4590		0	0	0	
DECEMBER	0	0	0	0	0	0	0		9808	8136	9392		0	0	5120		10315	10580	10100	
TOTALS	787	648	764	551	11770	12040	18090	21940	16704	17848	22272	1120	4295	5430	9710	0	17170	14730	14540	1170

* amounts given are in cubic yards

CITY OF LADUE

Building Department

THE ZONING AND PLANNING COMMISSION
CITY COUNCIL CHAMBERS
CITY OF LADUE, ST. LOUIS COUNTY, MISSOURI
WEDNESDAY, NOVEMBER 17, 2021, 4:00 P.M.

Chairman McPherson D. Moore to preside and call the meeting to order.

A. Approval and Adoption of the Agenda.

B. Approval of the Minutes from the meeting on October 27, 2021.

C. Public Forum.

D. Items for Consideration:

- | | |
|-----------|---|
| ZPC 21-12 | Request for approval of a subdivision gate near the intersection of Somerset Downs Drive and S. Warson Road. |
| ZPC 21-13 | Request for approval of a text amendment to revise the Ladue Zoning Ordinance (Ordinance #1175) regarding the operation of business from vehicles and special events. |
| ZPC 21-15 | Request for a Special Use Permit to reconstruct the St. Louis County Library building at 1640 S. Lindbergh Blvd. Proposed building is 78,180 sq. feet in size in the B residential zoning district. |

Review pending Zoning & Planning Commission docket log.

Adjournment: Set next meeting date – December 15, 2021 (?)

Pursuant to Section 610.022 RSMO., the Planning and Zoning Commission could vote to close the public meeting and move to executive session to discuss matters relating to litigation, legal actions and/or communications from the City Attorney as provided under section 610.021 (1) RSMO.

Posted Date: 10-29-21

Time: 10:00 am

By: AS

In accordance with the requirements of Title II of the Americans with Disabilities Act of 1990 "ADA", the City of Ladue, will not discriminate against qualified individuals on the basis of disability in its services, programs, or activities. If you require an accommodation or modification please contact Laura Rider, City Clerk, (314) 993-3439, smann@cityofladue-mo.gov as soon as possible but no later than 48 hours.